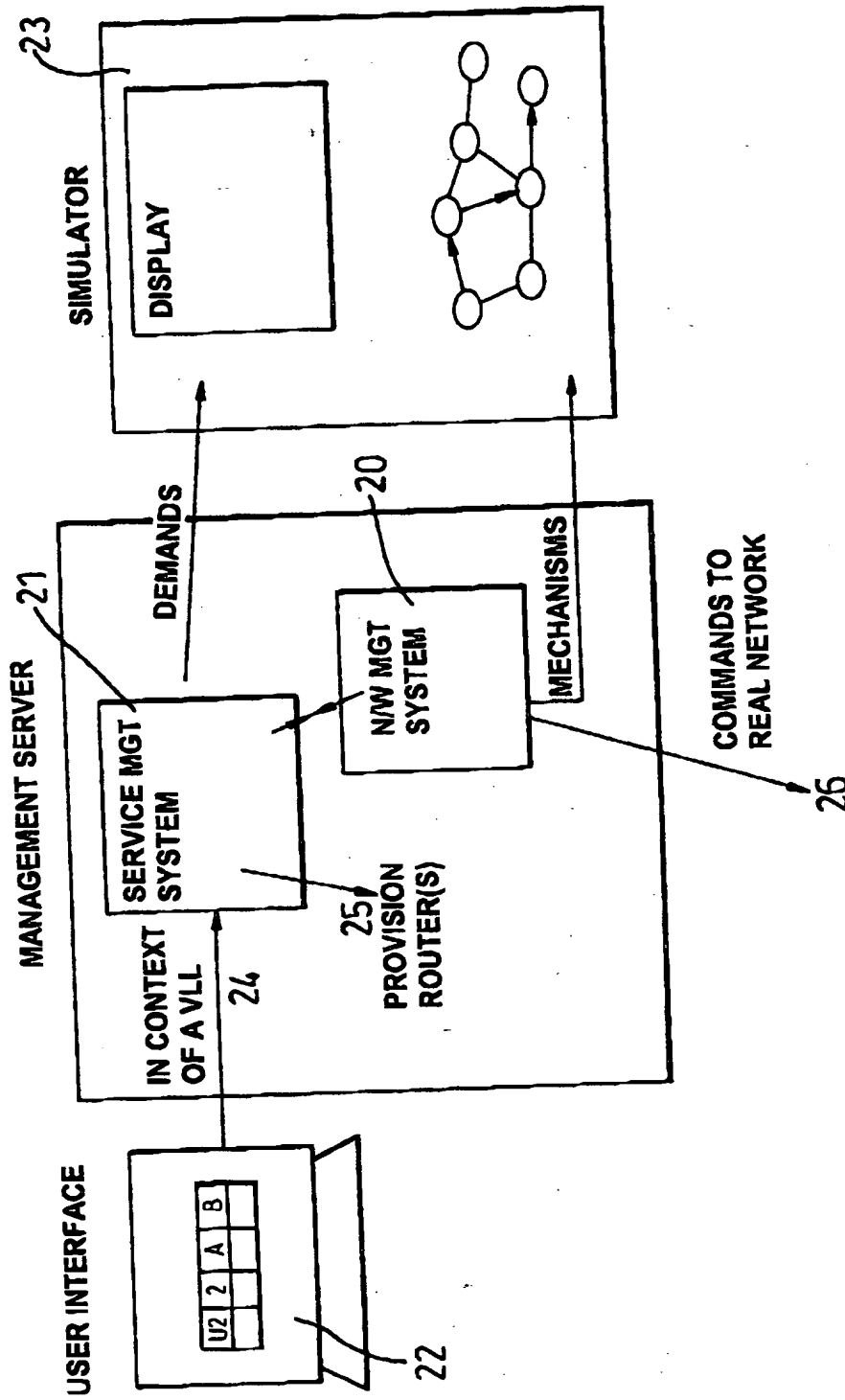
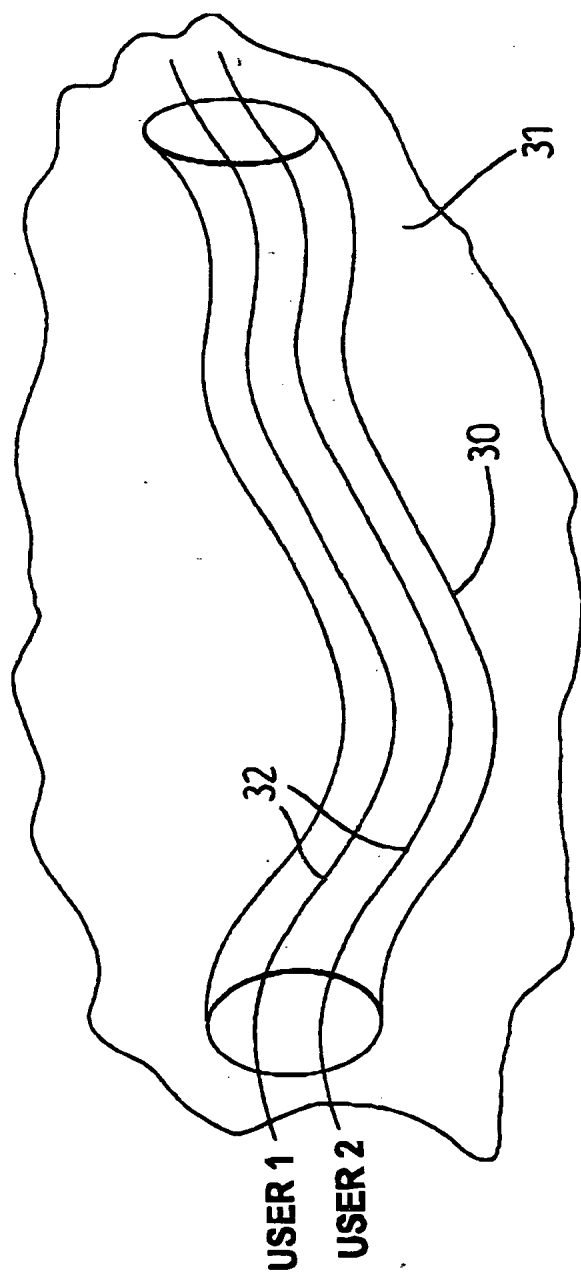


**Fig. 1**



**Fig. 2**



**Fig. 3**

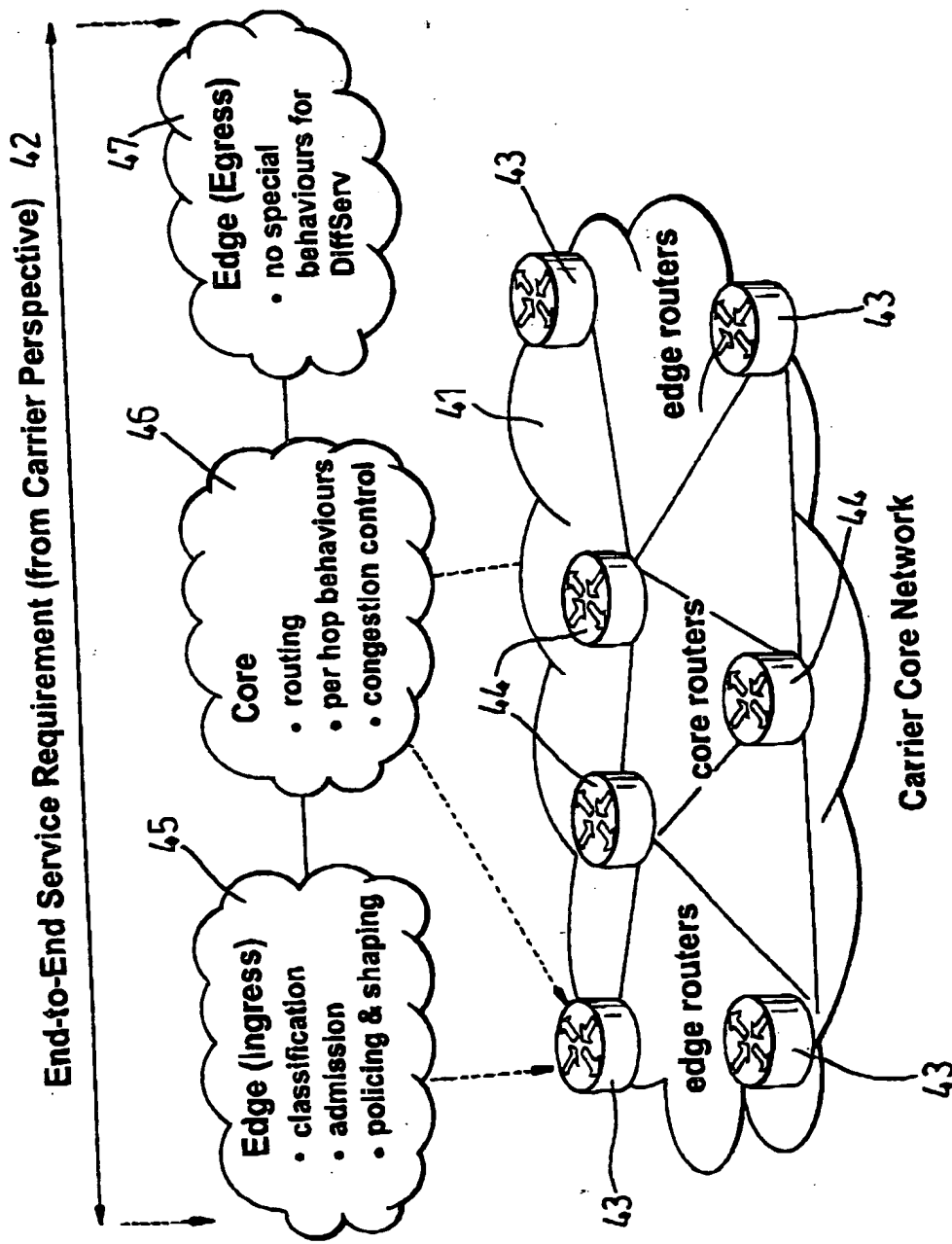


Fig. 4

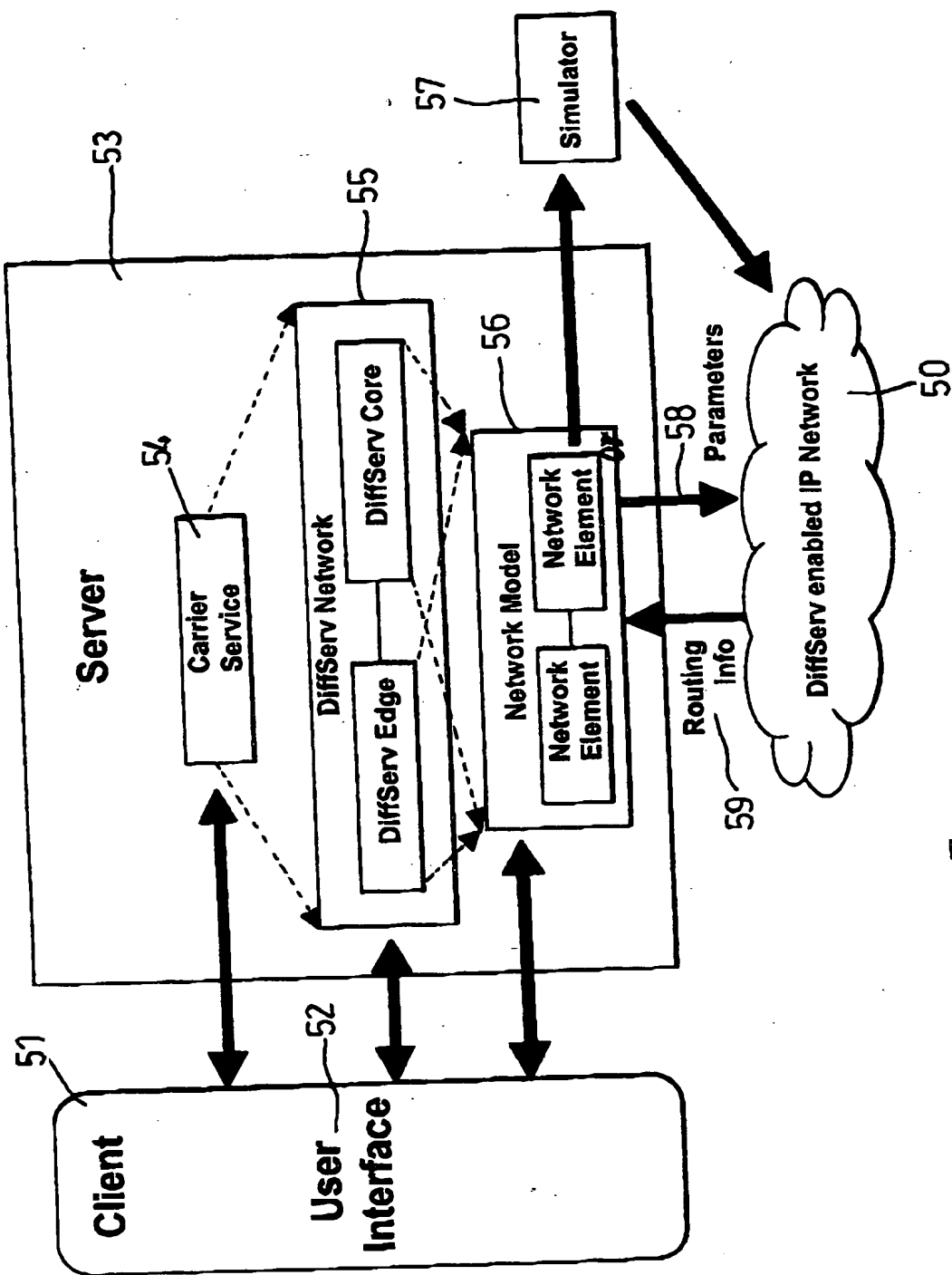
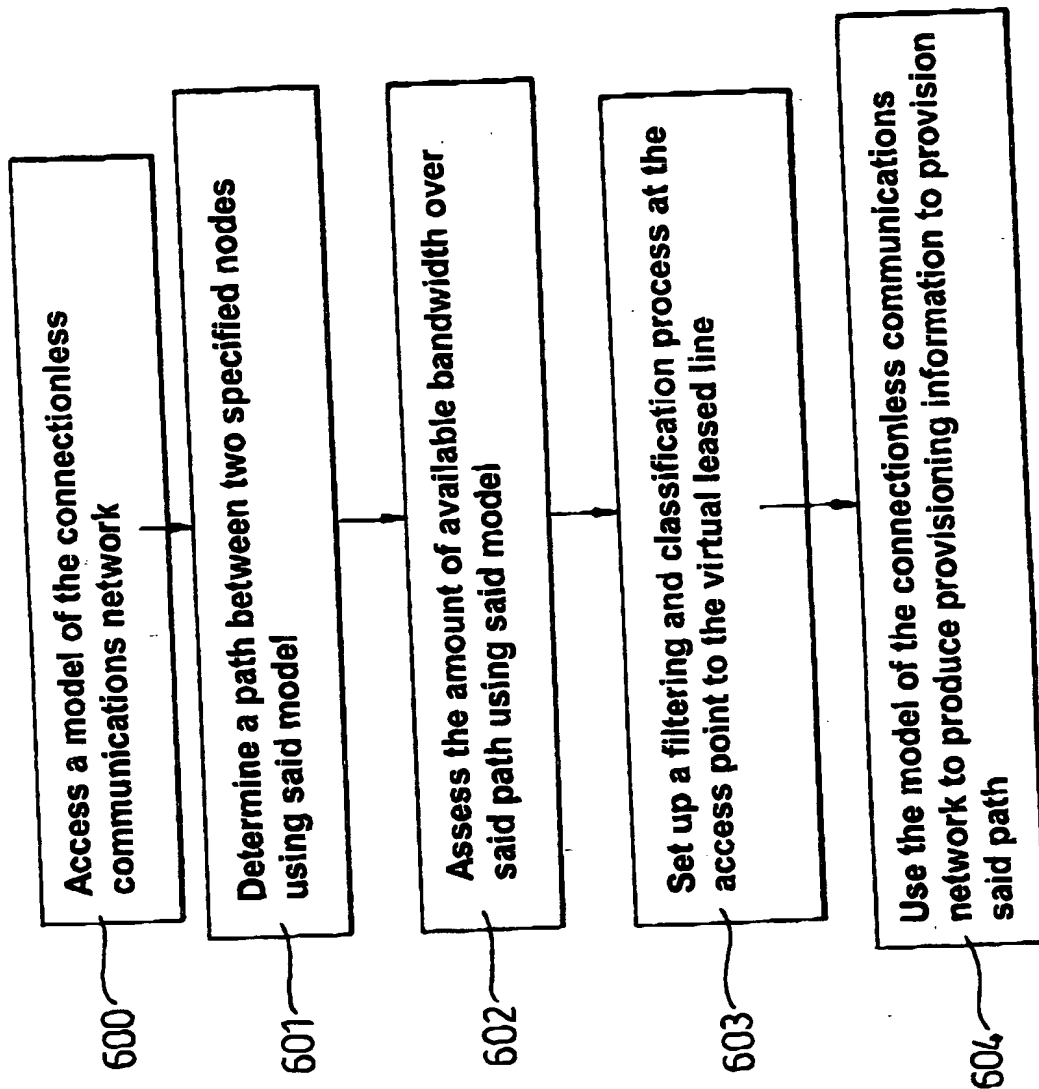


Fig. 5



*Fig. 6*

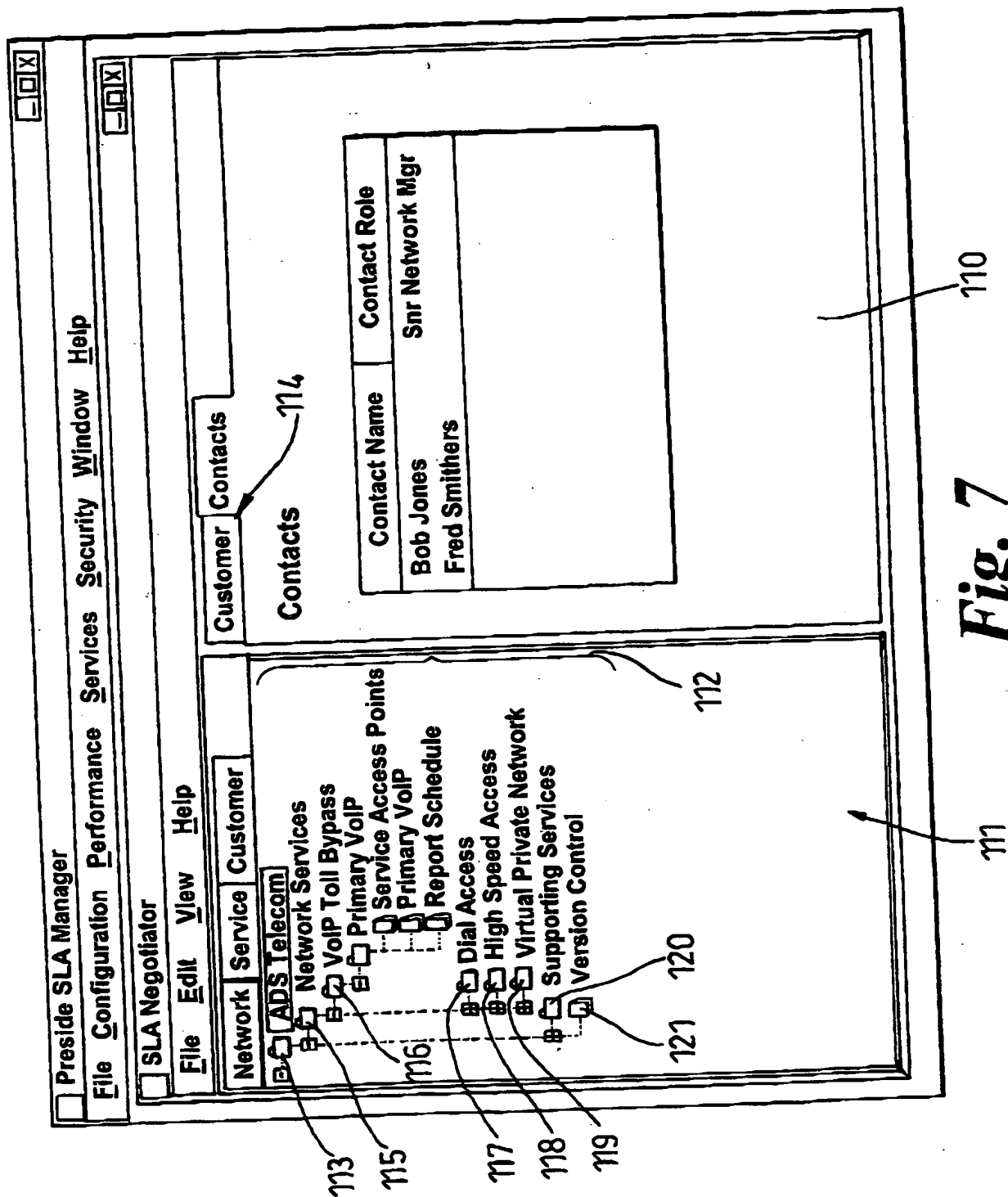


Fig. 7

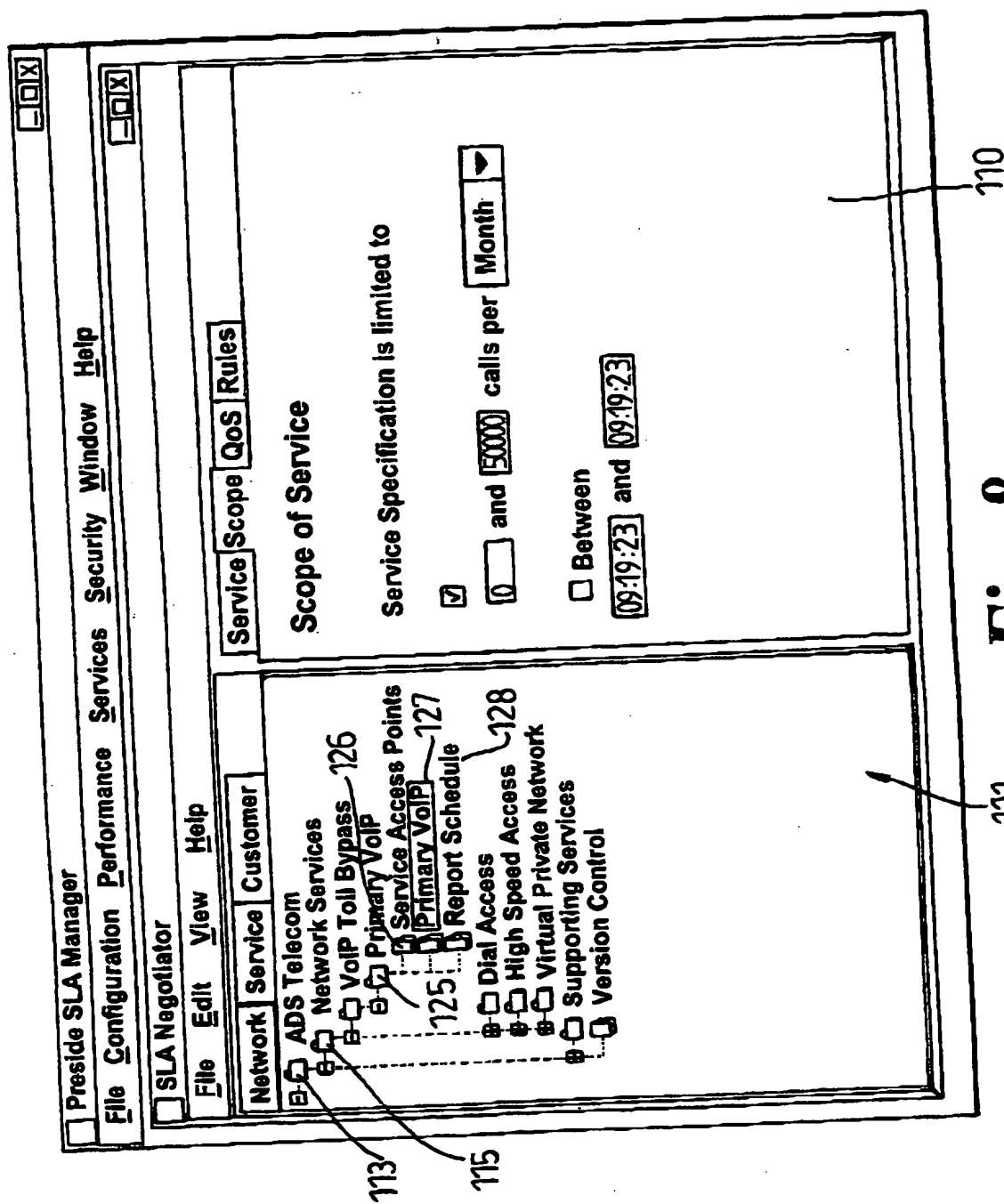


Fig. 8



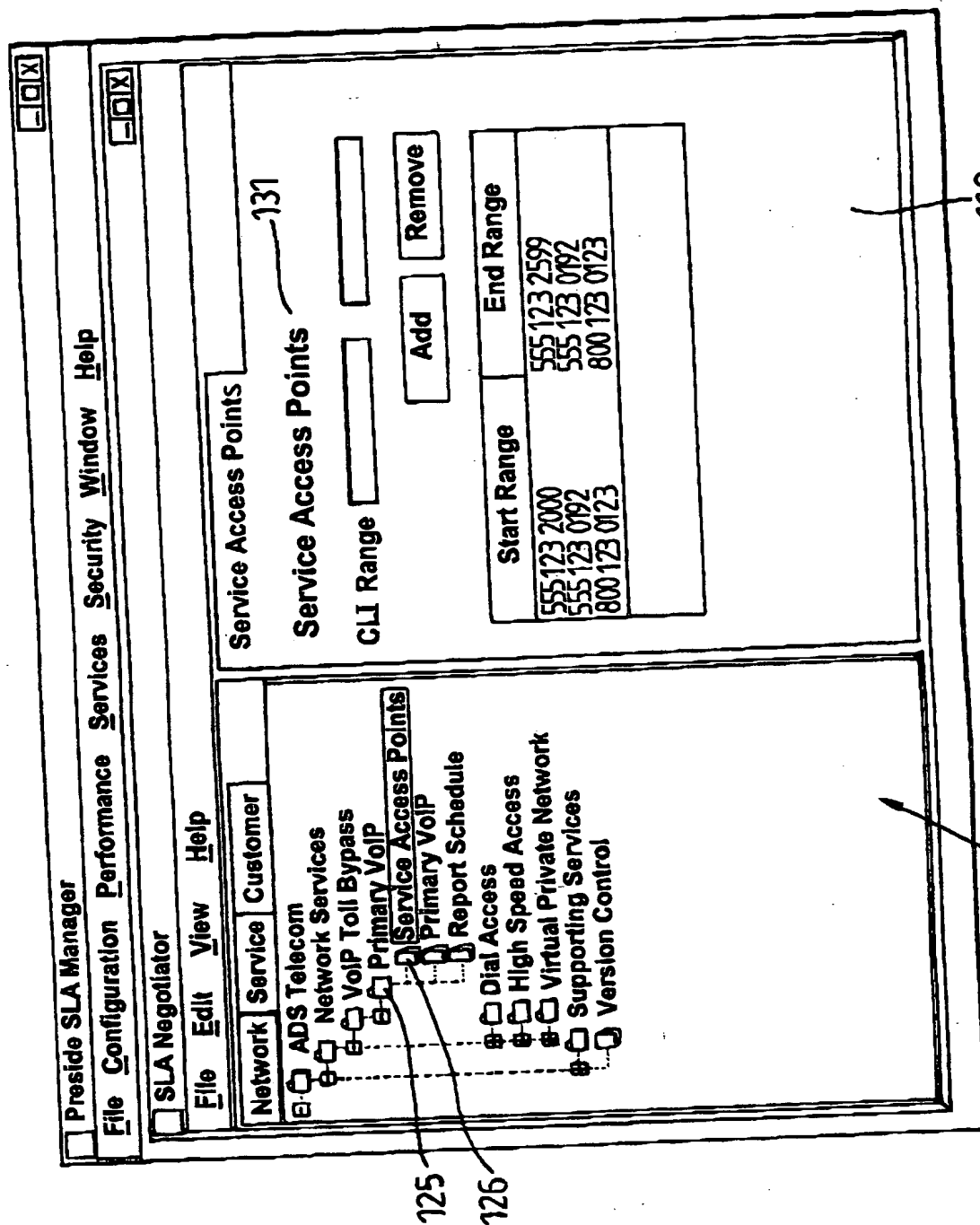
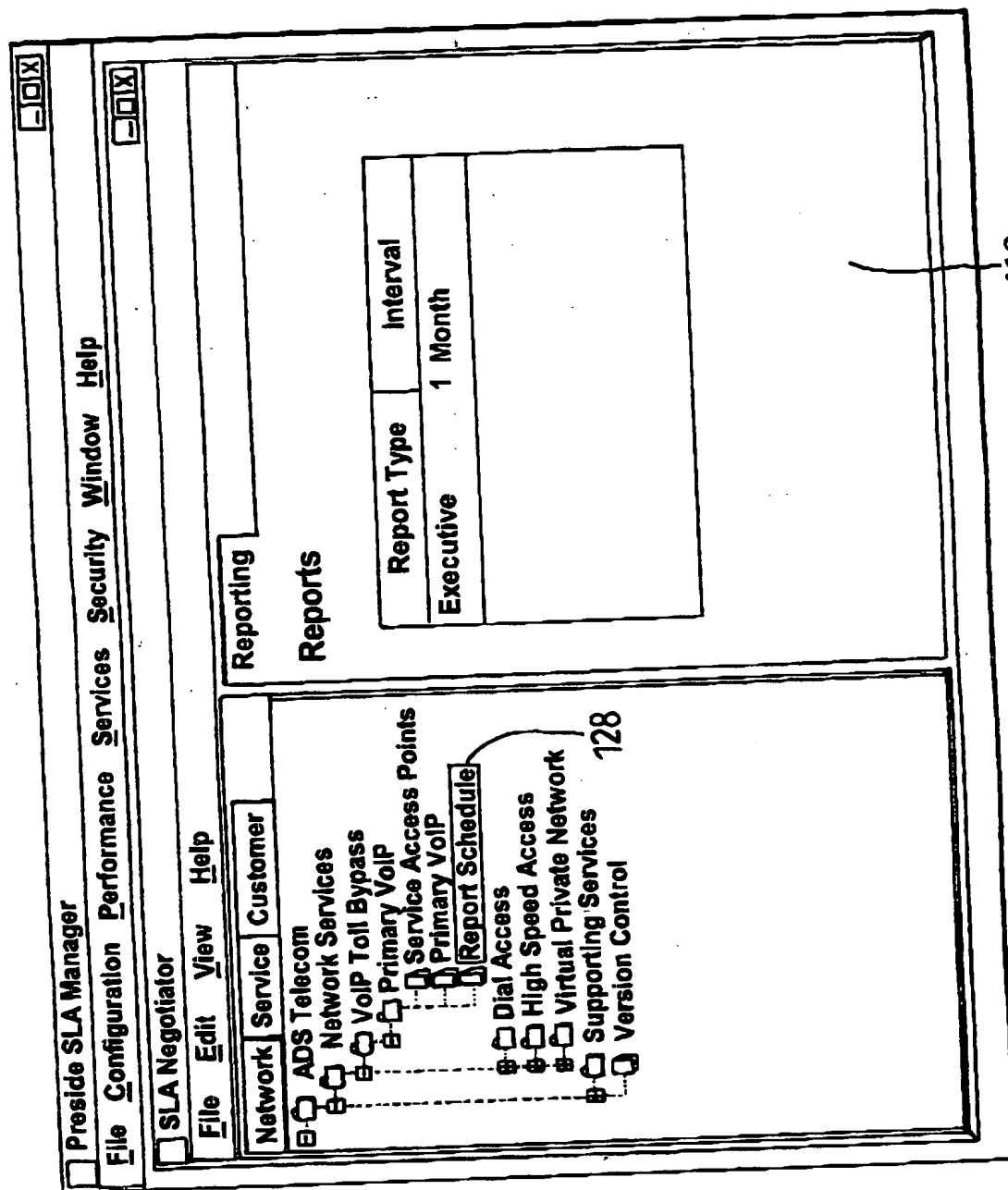


Fig. 9



110

Fig. 10



☐ Preside SLA Manager

File Configuration Performance Services Security Window Help

☐ SLA Negotiator

File Edit View Help

Network Service Customer

☐ ADS Telecom

☐ Network Services

☐ VolP Toll Bypass

☐ Primary VolP

☐ Service Access Points

☐ Primary VolP

☐ Report Schedule

☐ Dial Access

☐ High Speed Access

☐ Virtual Private Network

☐ Supporting Services

☐ Version Control

Version Authorization Log

Authorization Details

Customer Authorizer [ ]

Authorize Role [ ]

Authorization State Pending

Authorization Date 14-Oct-99 10:27:33 Edit

Operator Authorizer [ ]

Authorizer Role [ ]

Authorization State Pending

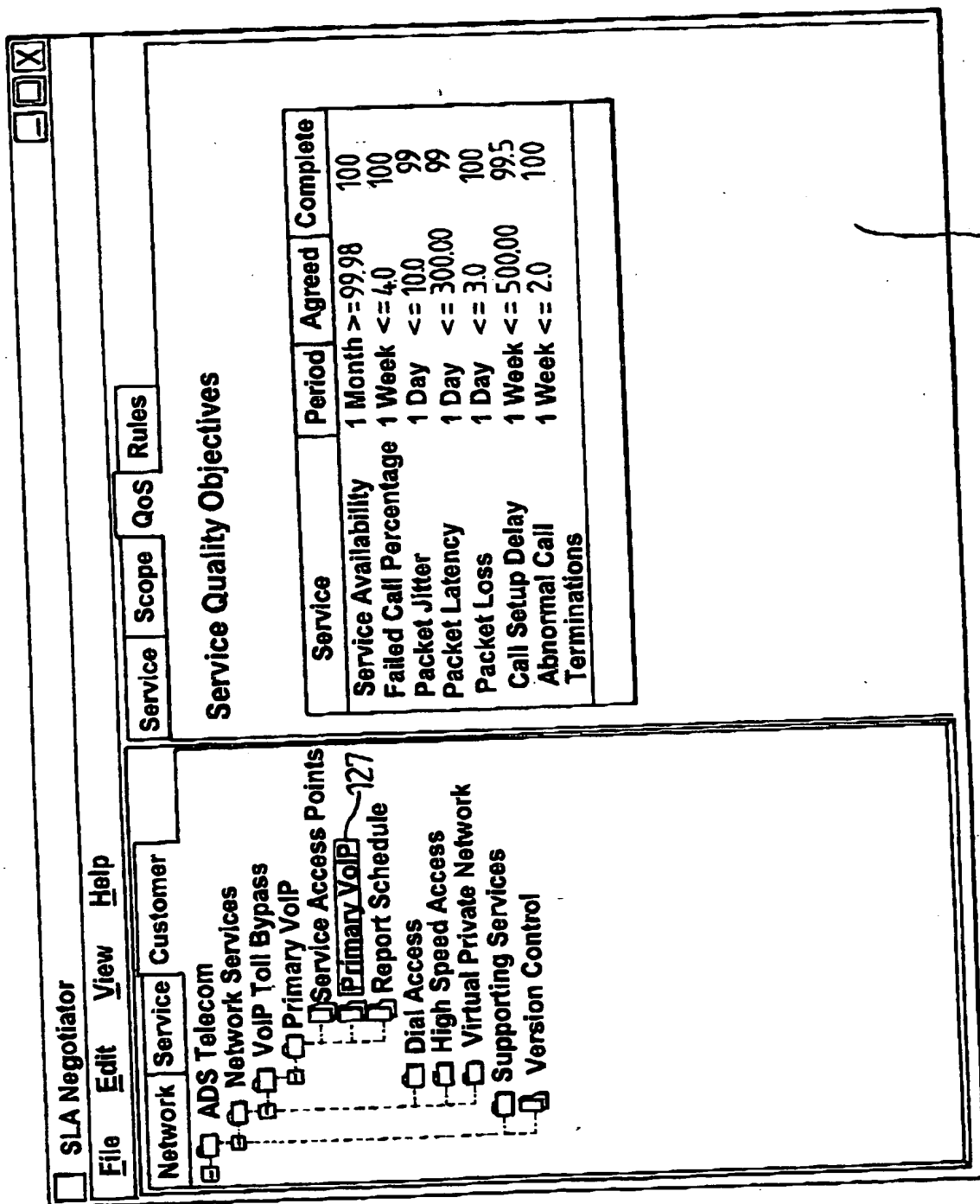
Authorization Date 14-Oct-99 10:27:33 Edit

110

Fig. 11

111

121



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Fig. 12

☐ SLA Planner

File Edit View Help

Network Service Customer

☐ SLA Planner  
☐ SLA Analyzer Tools  
☐ VoIP Toll Bypass  
☐ SLA Metric Planner  
☐ Compliance Analyzer  
☐ SLA Target Planner  
☐ Dial Access  
☐ High Speed Access  
☐ Virtual Private Networks  
☐ SLA Class of Service Templates  
☐ VoIP Toll Bypass  
☐ VoIP\_Bronze  
☐ VoIP\_Gold  
☐ VoIP\_Silver  
☐ Dial Access  
☐ High Speed Access  
☐ Virtual Private Network

VoIP Gold

Service Scope QoS Rules

Service Details

Service Type VoIP Toll Bypass

Class of Service VoIP\_Gold

SLA Name VoIP\_Gold

Start Date 01-Jan-00 00:00:00 Edit

Stop Date 31-Dec-04 00:00:00 Edit

Description

Fig. 13

110

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☐ SLA Service Specification Wizard

Customer Details

Customer

ADS Telecom

New

Customer Address

ADS Telecom  
Telecom House  
P.O. Box 25443  
California  
USA

Cancel

<Back

Next>

Finish

Fig. 14



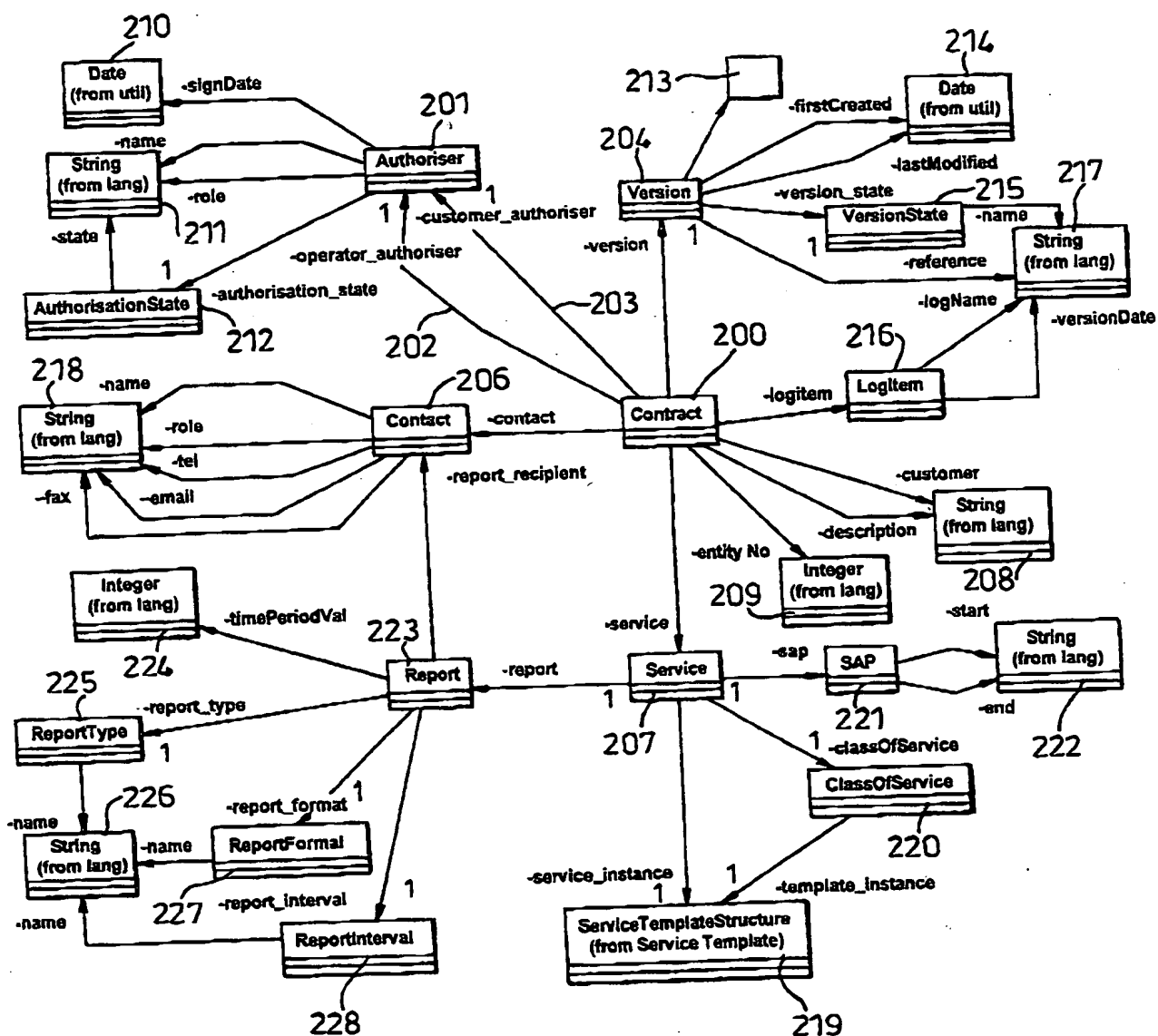
☐ SLA Template Wizard

**Service Details**

Service Type	VoIP Toll Bypass	
Based on	None	
SLS Name	VoIP Premium	
Start Date	01-Jan-00 00:00:00	Edit
Stop Date	31-Dec-99 23:59:00	Edit
Description		

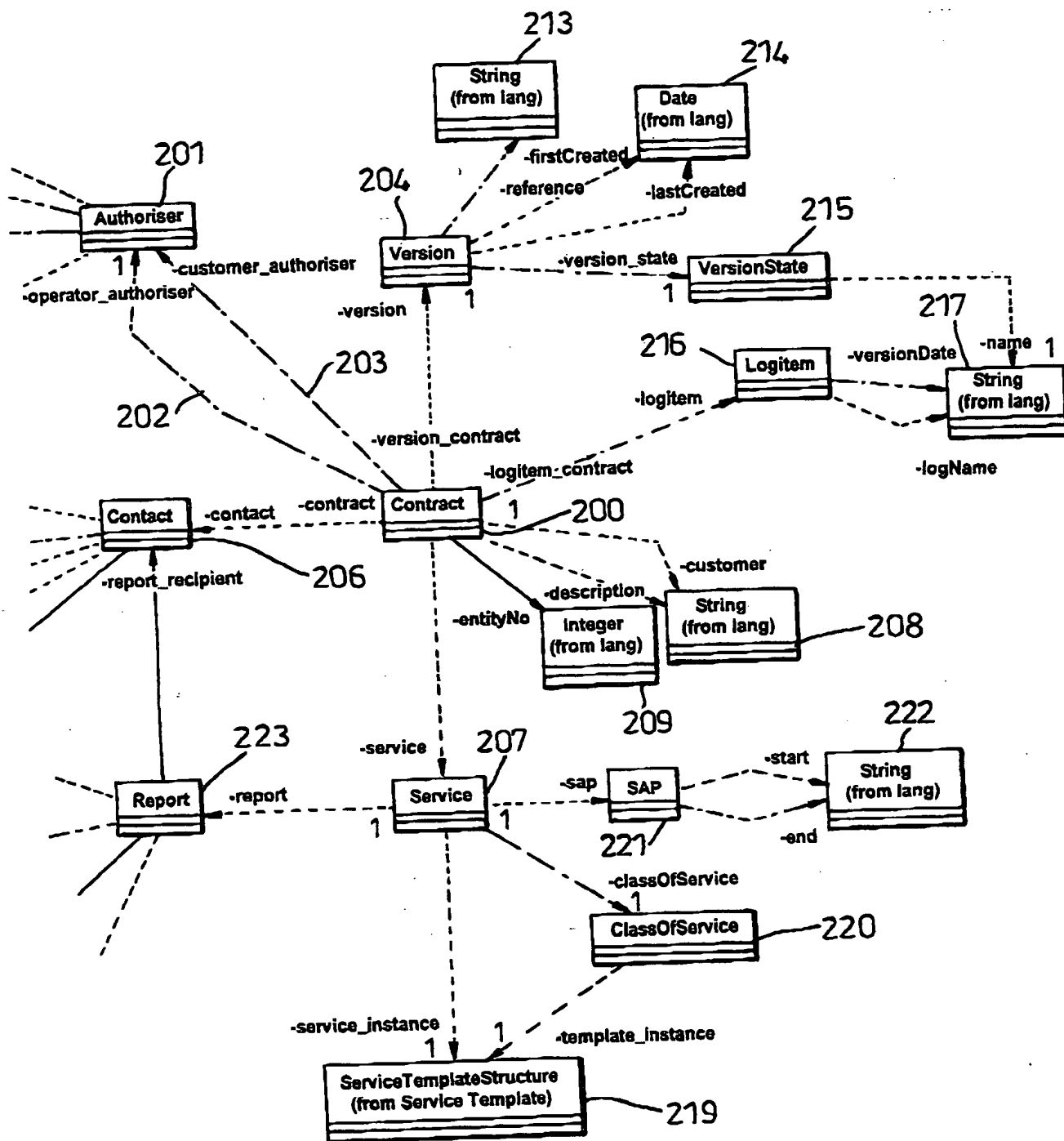
Cancel    <Back    Next>    Finish

*Fig. 15*



**Fig. 16**





**Fig. 17**



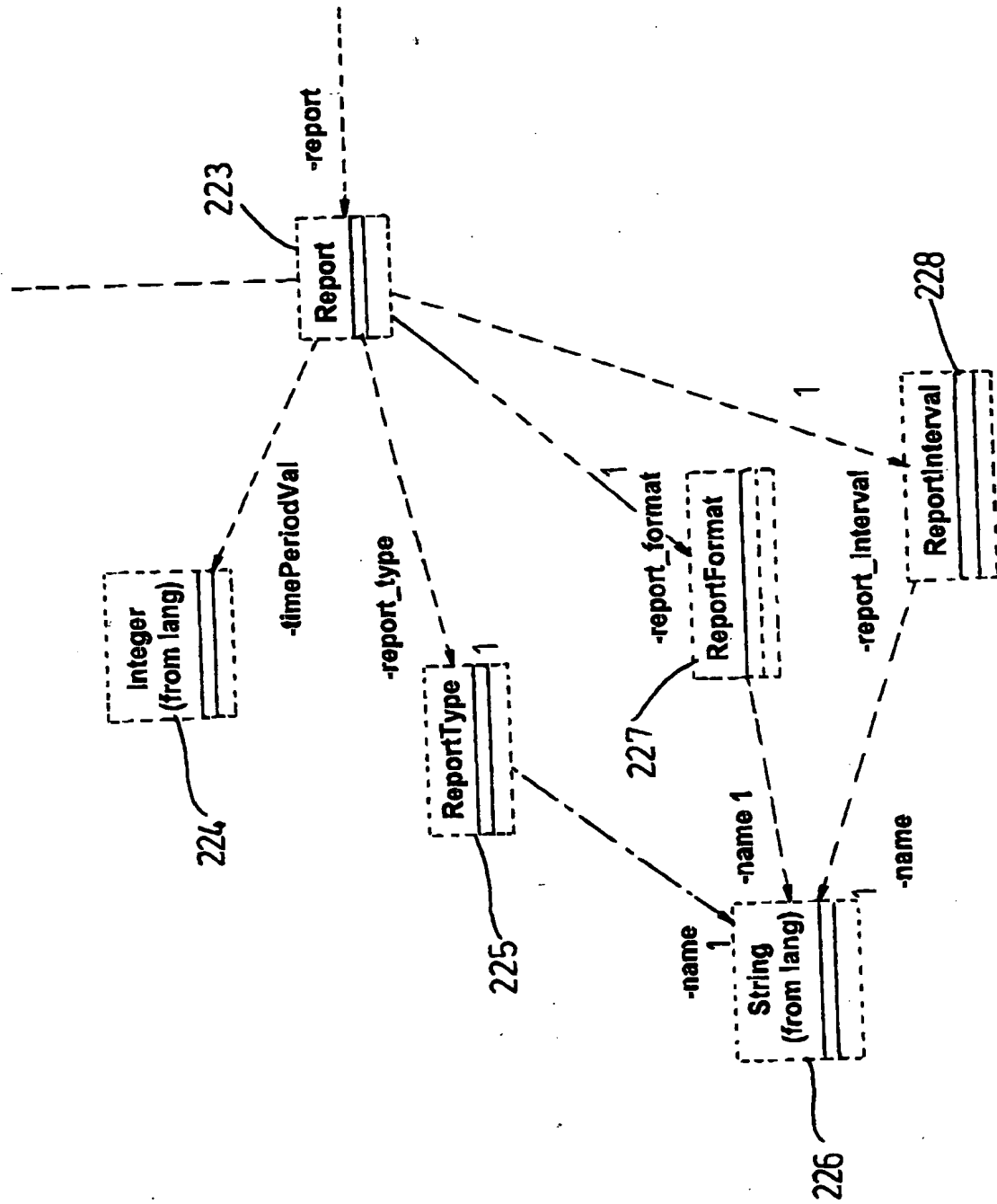


Fig. 19

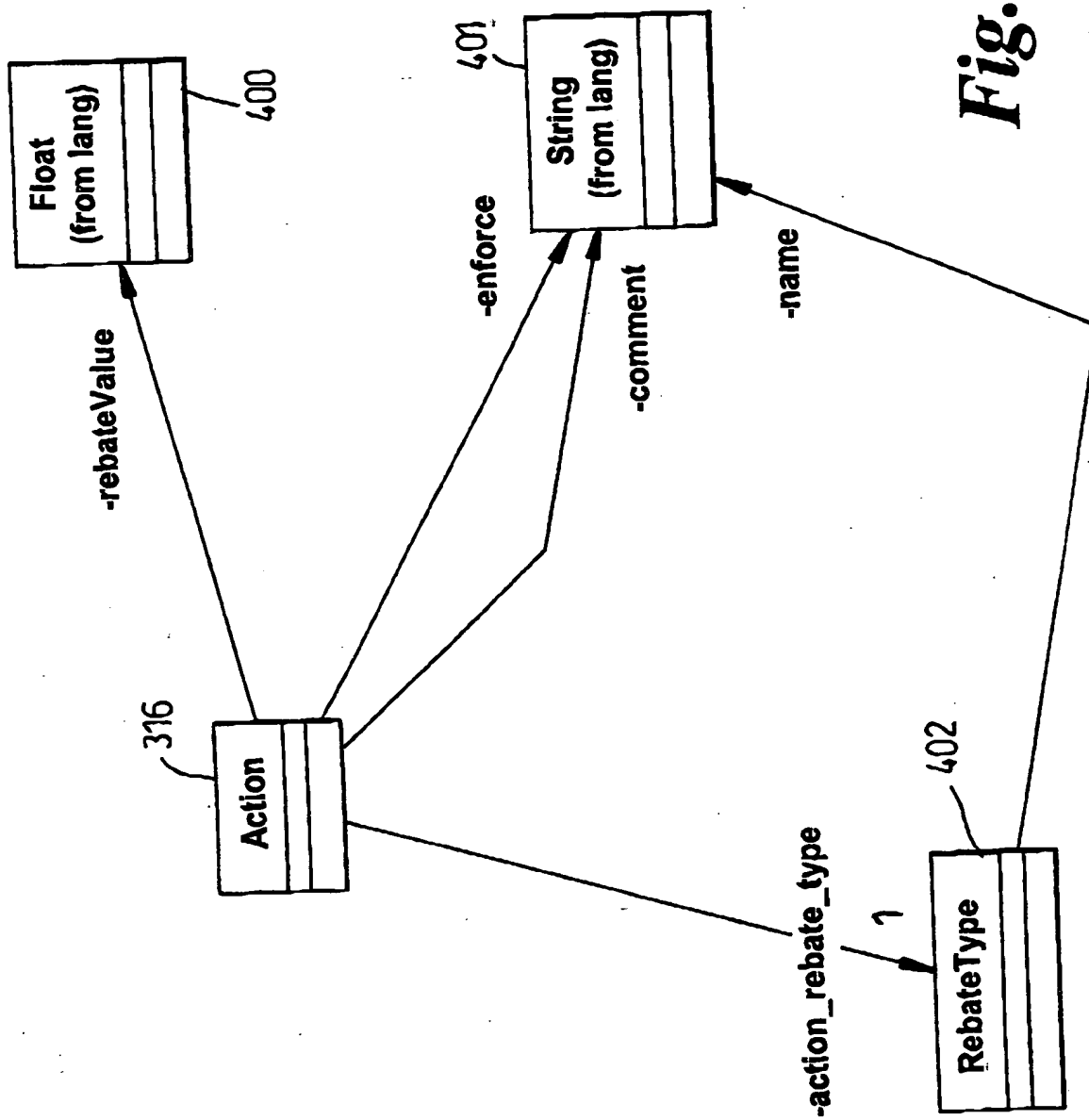


Fig. 20

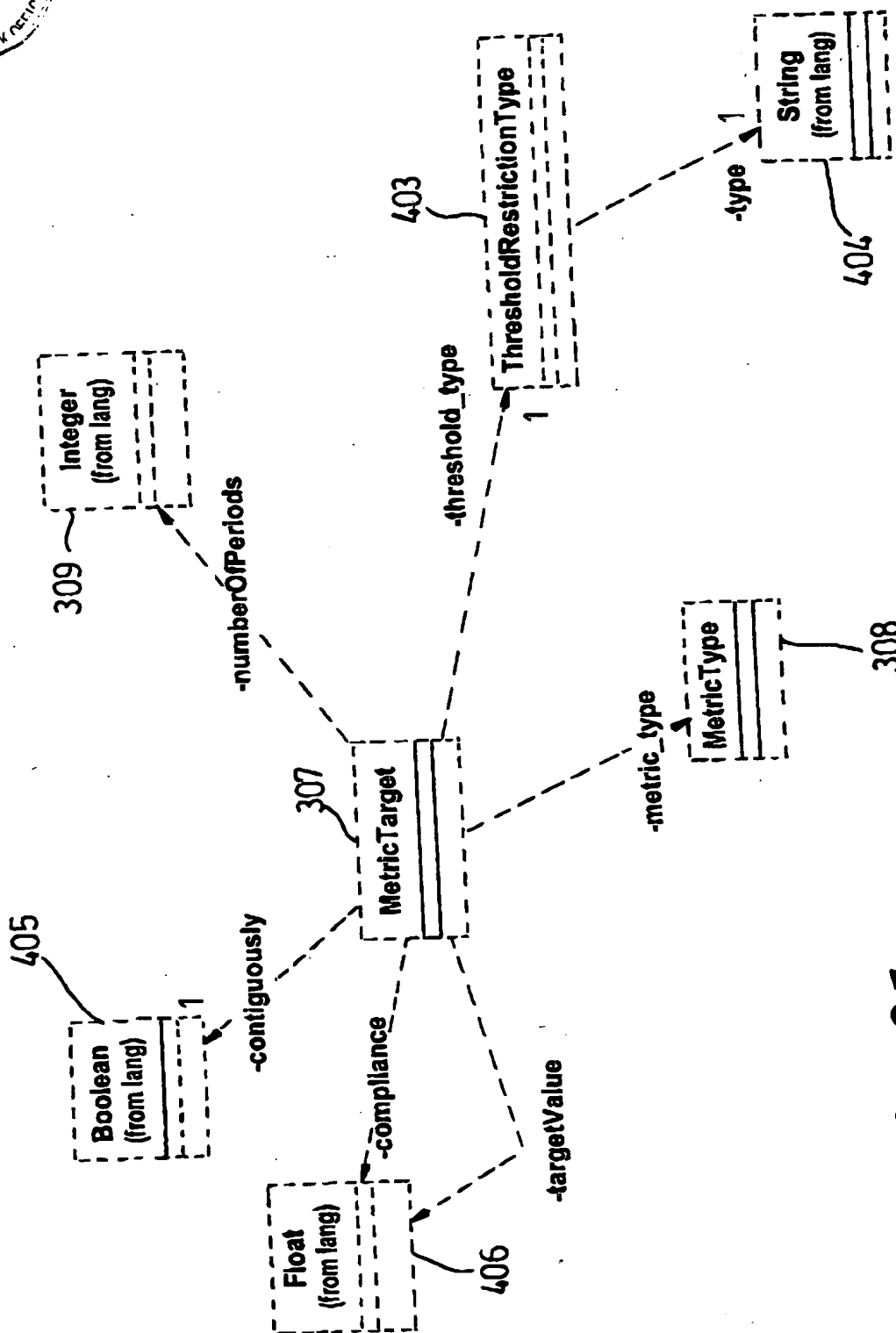


Fig. 21

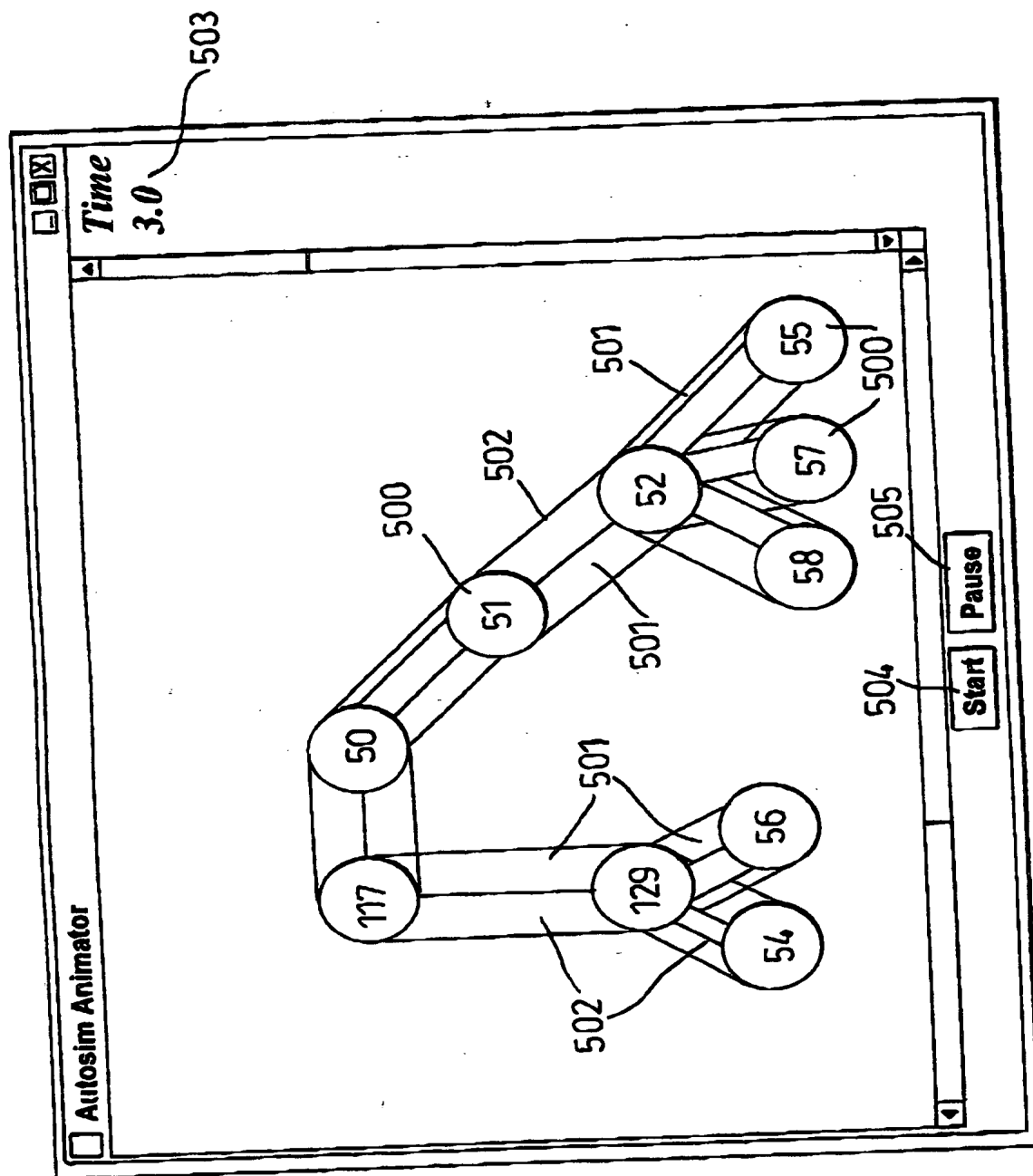
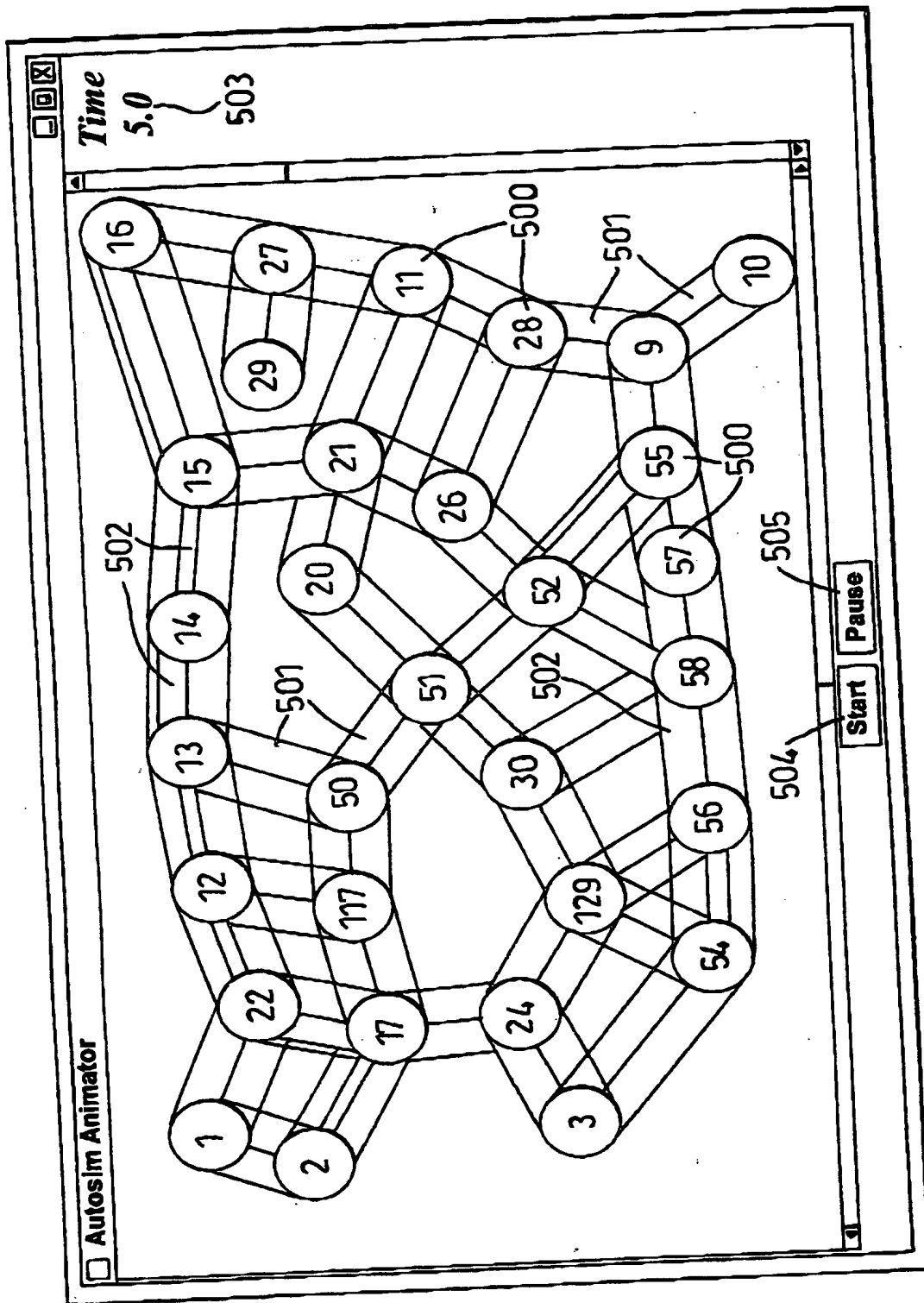


Fig. 22



**Fig. 23**

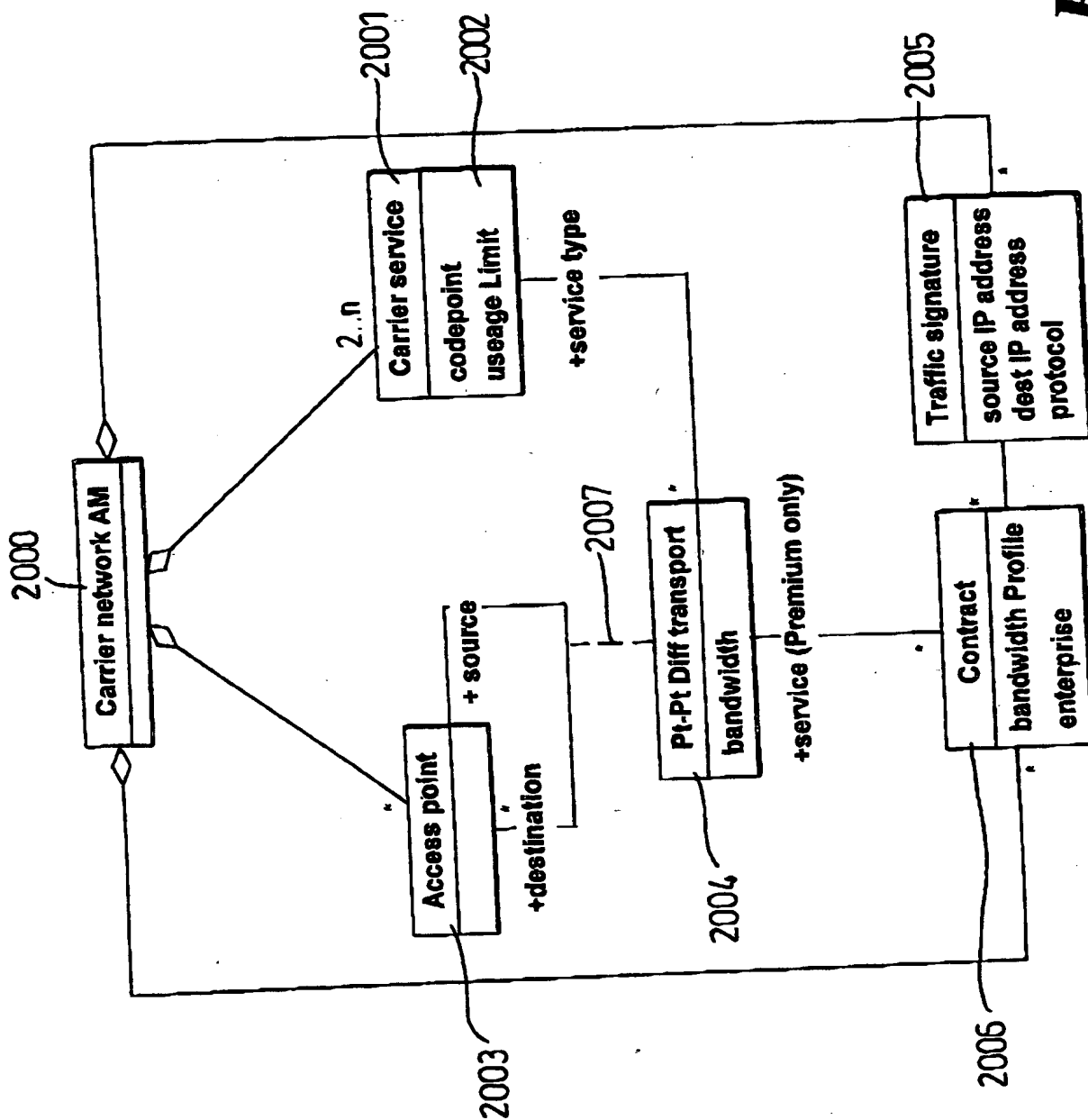


Flow

0.0010 t 286 215 230 166 14000.0  
0.0010 t 240 217 230 166 50000.0  
0.0010 t 199 216 230 166 50000.0  
0.110375 t 286 215 230 166 14000.0  
0.110375 f 286 215 230 166 14000.0  
0.111375 t 230 166 185 116 14000.0  
0.21975 t 286 215 230 166 14000.0  
0.21975 f 286 215 230 166 14000.0  
0.22075 t 230 166 185 116 14000.0  
0.22075 f 230 166 185 116 14000.0  
0.22175 t 185 116 136 69 14000.0  
0.329125 t 286 215 230 166 14000.0  
0.329125 f 286 215 230 166 14000.0  
0.330125 t 230 166 185 116 14000.0  
0.330125 f 230 166 185 116 14000.0  
0.331125 t 185 116 136 69 14000.0  
0.331125 f 185 116 136 69 14000.0  
0.332125 t 136 69 77 70 14000.0  
0.391625 t 199 216 230 166 50000.0  
0.391625 f 199 216 230 166 50000.0  
0.391625 t 240 217 230 166 50000.0  
0.391625 f 240 217 230 166 50000.0  
0.4385 t 286 215 230 166 14000.0  
0.4385 f 286 215 230 166 14000.0  
0.4395 t 230 166 185 116 14000.0  
0.4395 f 230 166 185 116 14000.0  
0.4405 t 185 116 136 69 14000.0  
0.4405 f 185 116 136 69 14000.0  
0.4415 t 136 69 77 70 14000.0  
0.4415 f 136 69 77 70 14000.0  
0.4425 t 77 70 77 159 14000.0

*Fig. 24*





**Fig. 25**

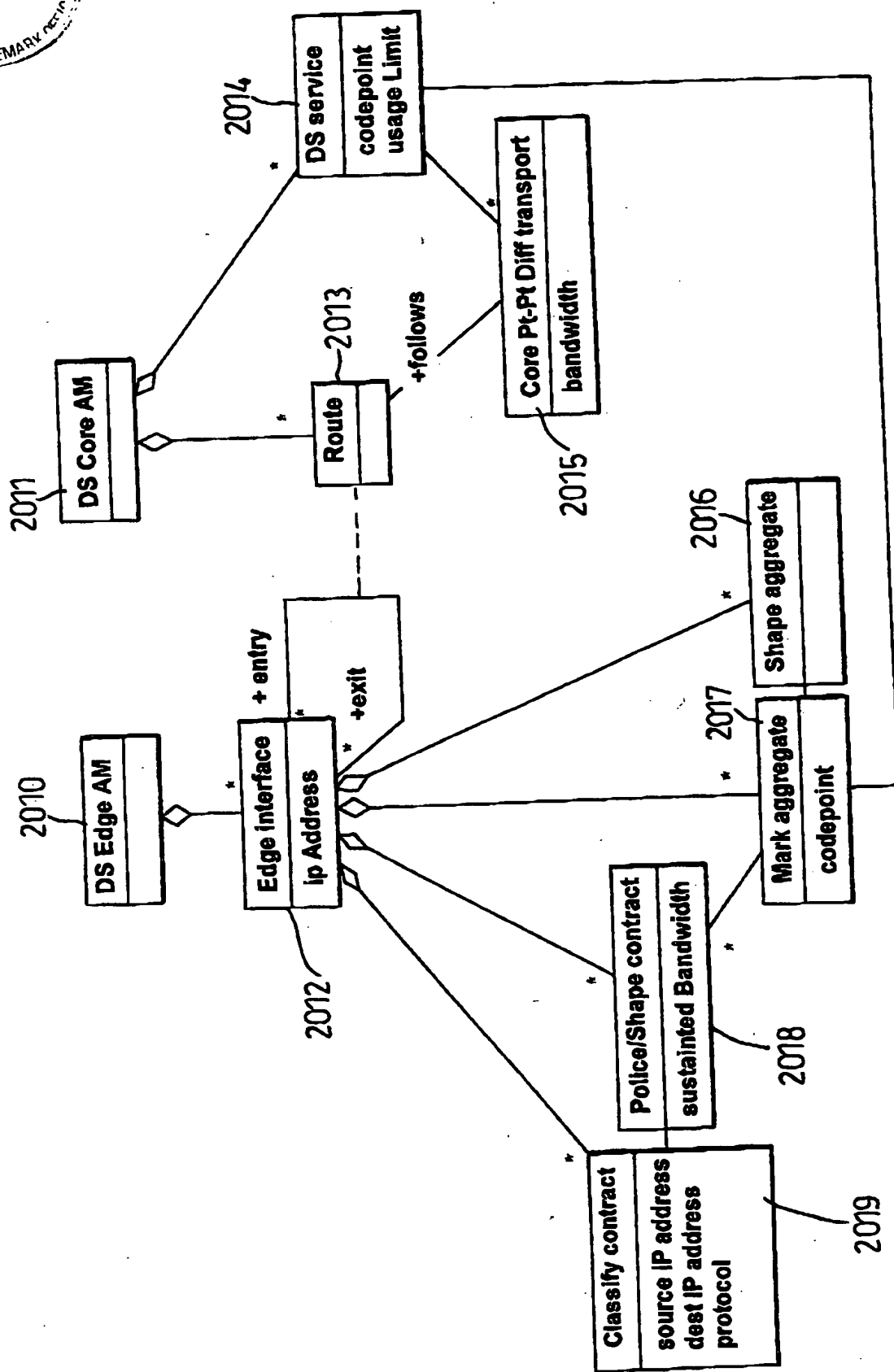


Fig. 26

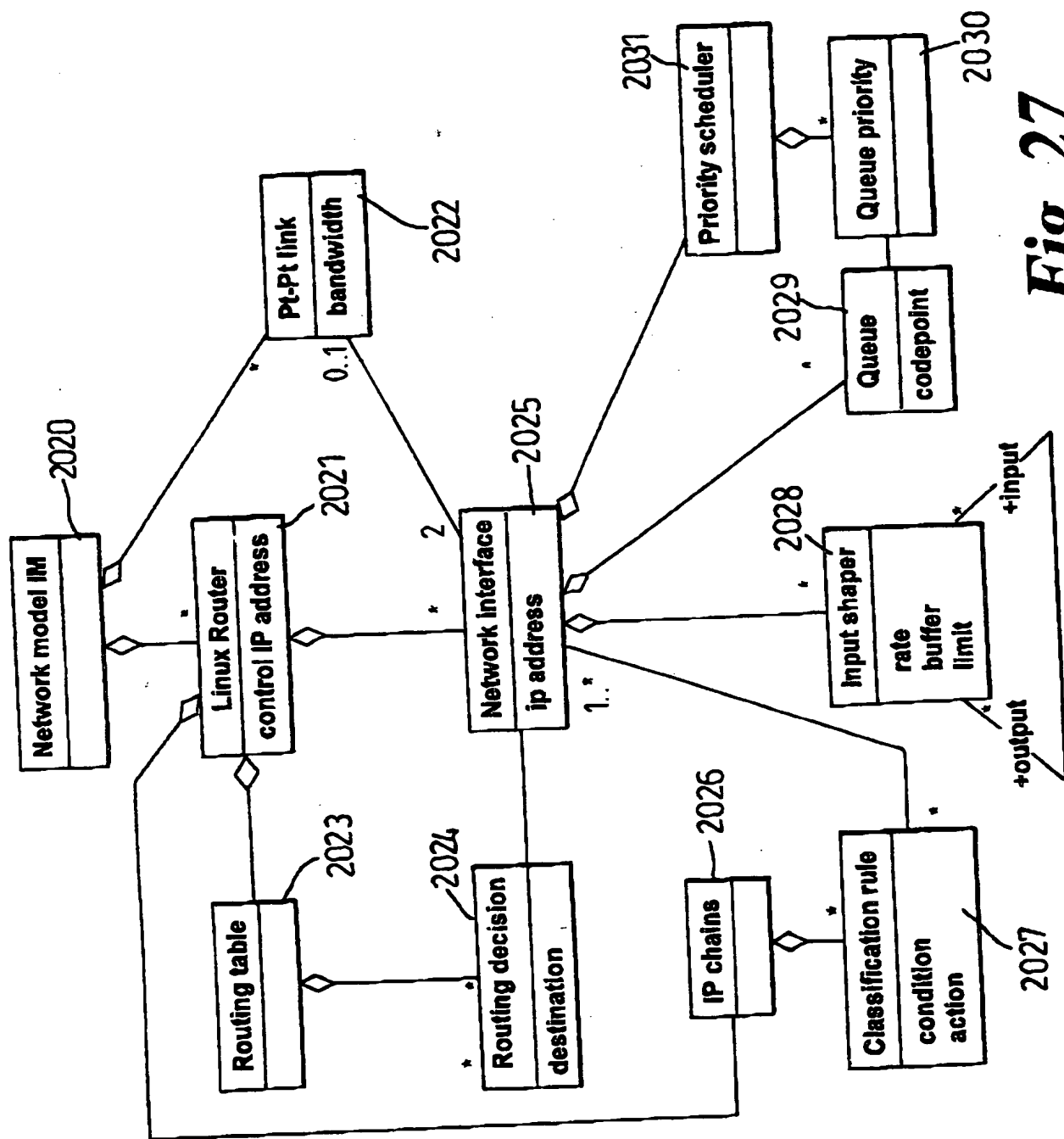
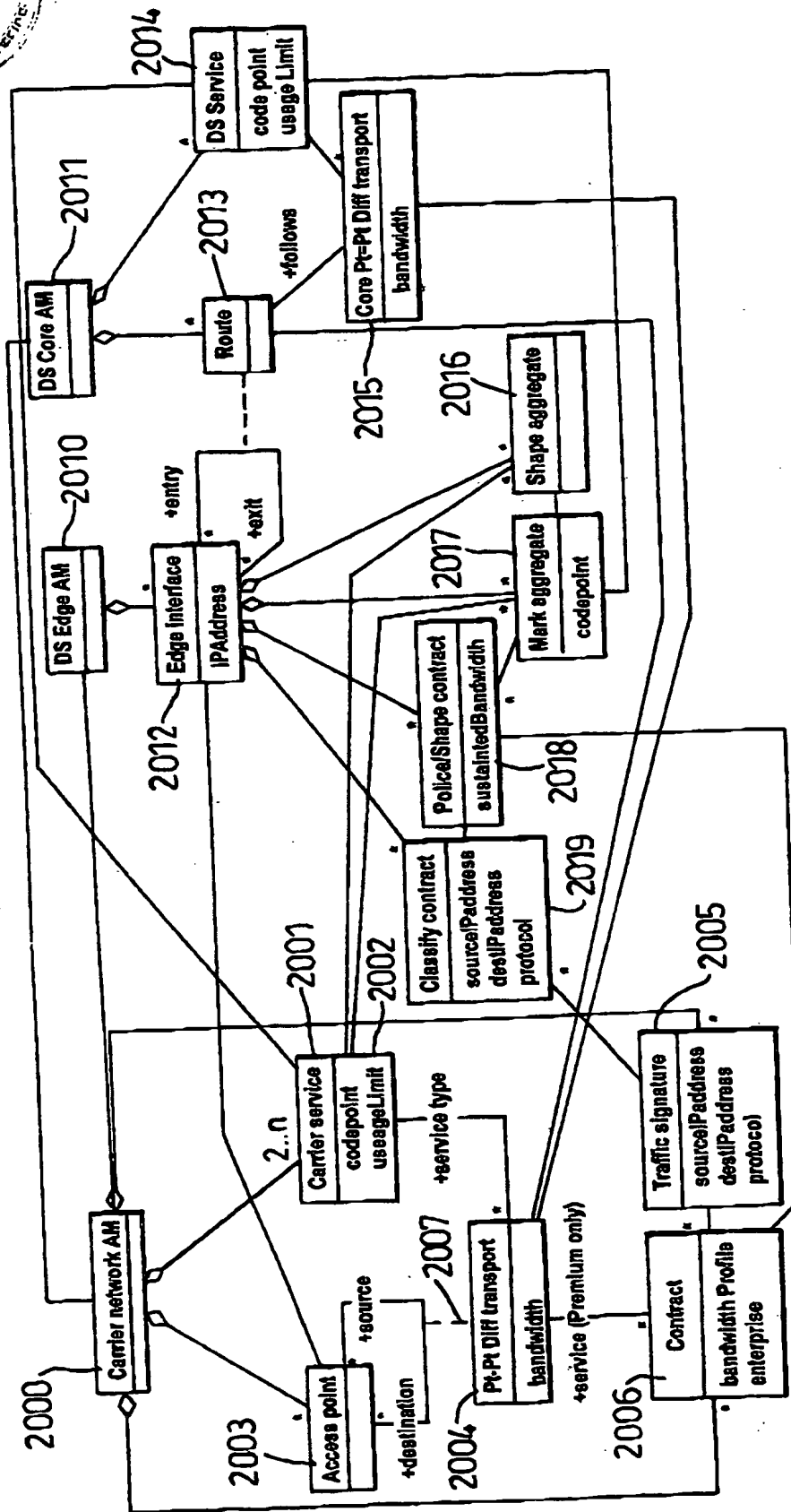


Fig. 27



**Fig. 28**

Instances of a number classes are only created when a contract requires them even though in theory they could exist as soon as diffserv support is introduced. These include Pt-Pt Diff transport in Carrier AM, Route and Core Pt-Pt Diff transport in DS Core AM.  
 Traffic signatures can be shared by many contracts, but must be unique in the context of the source Access point so that the network operator can identify packets relating to a particular contract and treat them accordingly.

